

Business continuity and resilience

Name of the initiative:	Linkage and technology transfer for the production and scaling up of bio-inputs as a post-pandemic resilience strategy.
Duration:	2021–2024
Participating countries:	Argentina
Objective:	Promote linkages and technology transfer to study post-covid neurocognitive sequelae through the use of installed capacities for the development of biodiagnostic technology and pilot scale production of the critical input.
Activities:	Formation of interdisciplinary and interinstitutional teams for research and production of a bioprocess to produce recombinant protein as a critical input for a diagnostic kit for Parkinson's neuropathy (PD). Production accreditation consultancies. Biomass production training and standardization of control and quality protocols. Development of external quality control programs to monitor the implementation and use of the biodiagnostic kit.
Cost and financing:	US\$100,000 in seed capital from the Development Cooperation Fund Additional financing is required. Country contribution: US\$30,000 (expected)
Request for partners:	<ul style="list-style-type: none">- Additional financing- Training in R&D&I (research, development and innovation)- Best practices in technology scaling and generation of post-pandemic biotechnological capabilities- Digital skills development

Sub-topics

- Innovation
- Science and technology
- Competitiveness

Beneficiaries

- 23.3 million people under the health systems of three provinces (Buenos Aires, Tucumán and Córdoba).
- Around 5,700 patients with a presumptive diagnosis of post-COVID neurological impact

Expected outcomes

- Development of local bio-diagnostic technology for the study of COVID-19-induced neurodegenerative diseases
- Bio-diagnostic test developed with national inputs
- Consolidation of linkages between the S&T system and technology-based companies for the production of the diagnostic test.

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